



CE



## 2120 ER

### FEATURES

- Capable of measuring earth voltage.
- 2mA measuring current permits the testing of earth resistance without tripping earth leakage current circuit breakers in the circuit under test.
- The leads are supplied as standard accessories for simplified two-wire measuring system.
- 0Ω adjustment.
- Data hold function.
- Battery operated.
- Battery life indicator.
- Designed to meet EN 61010-1 CAT III 200V.  
IEC 61557-1 IEC 61557-5  
EN 61326-1

● **Calibration performed with supplied test leads.**

### SPECIFICATIONS

Measuring Ranges	Earth Resistance 0-20Ω/0-200Ω /0-2000Ω Earth Voltage 0-200V AC (40-500Hz)
Accuracy	Earth Resistance ±(2% rdg+2dgt) or ±0.1Ω, which is greater Earth Voltage ±(1% rdg+2dgt)
Earth Resistance Resolution	0-20 Ω (0.01 Ω) 0-200 Ω (0.1 Ω) 0-2000 Ω (1 Ω)
Measuring System	Earth Resistance by constant current inverter 820Hz approx. 2mA.
Display	LCD 3-1/2digit (2000 counts)
Open Circuit Indication	LED will be unlit
Low Battery Indication	"  " symbol appears on the display
Data Hold Indication	"  " symbol appears on the display
Over Range Indication	"1" (MSD)
Power Source	1.5V (AA) x 8. or equivalent
Dimensions	210(L) x 210(W) x 100(D)mm
Weight	Approx.1395g (battery included)
Accessories	Test leads (AL-36 : red-15m , yellow-10m , green-5m) Simplified measurement probe.(AL-33) Auxiliary earth spikes. Shoulder belt. Instruction manual. Batteries.



CE

## 2105 ER

### FEATURES

- Capable of measuring earth voltage.
- 2mA measuring current permits the testing of earth resistance without tripping earth leakage current circuit breakers in the circuit under test.
- The leads are supplied as standard accessories for simplified two-wire measuring system.
- Battery operated.
- Battery life indicator.
- Designed to meet EN 61010-1 CAT III 30V.  
EN 61326-1
- **Calibration performed with supplied test leads.**

### SPECIFICATIONS

Measuring Ranges	Earth Resistance 0-12Ω0-120Ω/0-1200Ω Earth Voltage 0-30V ac (40-500Hz)
Accuracy	Earth Resistance ±3% of full scale Earth Voltage ±2.5% of full scale
Measuring System	Earth resistance by constant current inverter(Square Signal) 820Hz approx. 2mA
Power Source	1.5V (AA) x 8 or equivalent
Dimensions	210(L) x 210(W) x 100(D)mm
Weight	Approx.1370g (battery included)
Accessories	Test leads (AL-36 : red-15m , yellow-10m , green-5m) Simplified measurement probe. (AL-33) Auxiliary earth spikes. Shoulder belt. Instruction manual. Batteries.

STANDARD ELECTRIC WORKS CO., LTD.  
5F.,NO.105, Zhongcheng Rd., Tucheng Dist.,  
New Taipei City 23674, Taiwan (R.O.C.)  
TEL: 886-2-22681528 FAX: 886-2-22681529  
<http://www.sew.com.tw> e-mail: [sales@sew.com.tw](mailto:sales@sew.com.tw)